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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Amnon Ribak

RIBAK2

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07/05/2006

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EXAMINER

LIN, KELVIN Y

ART UNIT

PAPER NUMBER

2142

DATE MAILED: 07/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/035,423	<b>Applicant(s)</b> RIBAK ET AL.	
	<b>Examiner</b> Kelvin Lin	<b>Art Unit</b> 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-6,8-14,16-19,23-28,30-33,35,37-42,44-50,52-55 and 59-70 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6,8-14,16-19,23-28,30-33,35,37-42,44-50,52-55 and 59-70 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Detailed Action***

***Response to Arguments***

1. Applicant's arguments, see pages 23-28, filed April 11, 2006 with respect to the rejection(s) of claim(s) 1-6, 8-21, 23-28, 30-35, 37-42, 44-57, and 59-70 under Bates et al., (USPAN 6789107) in view of Smith et al., (USPAN No. 6463462) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made to claims 1-6, 8-14, 16-19, 23-28, 30-33, 35, 37-42, 44-50, 52-55, and 59-70 under Moody et al., (USPG Pub No. 20030167310)

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1-6, 8-14, 16-19, 23-28, 30-33, 35, 37-42, 44-50, 52-55, and 59-70 are rejected under 35 USC 102(e) as being anticipated by Moody et al., (USPG Pub No. 20030167310).
2. Regarding method claims 1-6, 8-14, 16-19 have limitations corresponding to

apparatus claims 23-28, 30-33, 35. Therefore, claims 1-6, 8-14, 16-19, are rejected for the same reasons set forth in the rejection of claim 23-28, 30-33, 35.

3. Regarding claim 23, Moody teaches apparatus for providing information regarding a piece of electronic mail (e-mail), comprising:

- Processor, configured to process a data set containing transmission data associated with the e-mail so as to determine one or more steps in a propagation history of the e-mail, the transmission data including identifiers of a sender of the e-mail and of one or more recipients of at least a portion of the e-mail (Moody, [0062], fig. 1, that mail agent interacts with application and database [0076], in which the email tree represents an document tree, processing a data set with the email to determine in Fig. 6d, that conversation thread tree is a hybrid tree consisting of shadow document and original document when timeline goes by, which is corresponding to the propagation history );
- A display, configured to graphically display the propagation history superimposed as a pathway on a chart showing a relationship among at least some of the sender and the one or more recipients (Moody, [0074], [0077], and fig. 7, displaying a email tree on a timeline, and the vertical line represents day boundary,

corresponding to pathway show the relationship of parent/child with respect to time line between the sender and recipients as in fig. 6c).

4. Regarding claim 24, Moody further discloses apparatus according to claim 23, wherein the processor is configured to analyze transmission information embedded in text of the e-mail (Moody, [0066], in which the functionality may perform by mail agent) .
5. Regarding claim 25, Moody further discloses apparatus according to claim 23, wherein the processor is configured to analyze transmission information not contained in text of the e-mail (Moody, [0066], the information includes original size, subject, data etc., and the mail agent process and analyze those information).
6. Regarding claim 26, Moody further discloses apparatus according to claim 23, wherein the processor is configured to designate a first visual symbol to represent transmission of the e-mail to a primary recipient, and to designate a second visual symbol different from the first visual symbol to represent transmission of the e-mail to a secondary recipient (Moody, [0075], [0077], with different graphic elements such as color to define relationship of sender to recipient).
7. Regarding claim 27, Moody further discloses apparatus according to claim 23, wherein the processor is configured to designate a first visual symbol to represent the sender, and to designate at least one visual symbol different from the first visual symbol to represent the one or more recipients (Moody, [0075],

[0077], with different graphic elements such as color to define relationship of sender to recipient).

8. Regarding claim 28, Moody further discloses apparatus according to claim 27, wherein the processor is configured to designate a first color to for the first visual symbol, and to designate a second color, different from the first color, for the at least one visual symbol (Moody, [0075], [0077], with different graphic elements such as color to define relationship of sender to recipient).
9. Regarding claim 30, Moody further discloses apparatus according to claim 23, wherein the processor is configured to drive the display to graphically display the steps in the history in an animation mode (Moody, [0077], and fig. 7, the vertical line (timeline) represent day boundaries, the time line can show a large passage of time, corresponding to the history in an animation mode)
10. Regarding claim 31, Moody further discloses apparatus according to claim 23, wherein the processor is configured to drive the display to display a representation of the sender and at least one of the recipients, and to display a graphical representation of movement of the e-mail from the sender to the at least one of the recipient (Moody, [0079]).
11. Regarding claim 32, Moody further discloses apparatus according to claim 23, wherein the processor is configured to determine two or more steps in the propagation history of the e-mail (Moody, [0083]), the transmission data including for each step in the propagation history identifiers of a sender and one or more recipients of a respective portion of the piece of e-mail (Moody, [0077], and fig.

7), and wherein the processor is configured to:

receive from a user a designation of an electronic mail correspondent

(Moody, [0067]);

find at least one identifier in the transmission data corresponding to the

designated correspondent (Moody, [0070]); and

drive the display to display part of the piece of e-mail responsive to finding

the at least one identifier (Moody, [0074]).

12. Regarding claim 33, Moody further discloses apparatus according to claim 32, wherein the chart includes of a hierarchy, wherein the display is configured to display the propagation history superimposed as the pathway on the hierarchy chart (Moody, [0074], [0076], fig. 7), and wherein the processor is configured to:

determine a location of the correspondent in the hierarchy (Moody, fig. 8a); and

drive the display to identify for the user the location of the correspondent in the hierarchy chart (Moody, [0077], incorporated with the milestone on the timeline can be found more easily ).

13. Regarding claim 35, Moody further discloses apparatus according to claim 32, wherein the relationship includes a hierarchical relationship among at least some of: the sender and the one or more recipients, and wherein the processor is configured to drive the display to display the propagation history superimposed as the pathway on the chart showing the hierarchical relationship (Moody, fig. 8a).

14. Regarding computer program product claims 37-42, 44-50, 52-55 have limitations corresponding to apparatus claims 23-35. Therefore, claims 37-42, 44-50, 52-55 are rejected for the same reasons set forth in the rejection of claim 23-35.
15. Regarding method claims 59-62 have limitations corresponding to apparatus claims 32-33, 35. Therefore, claims 59-62 are rejected for the same reasons set forth in the rejection of claim 32-33, 35.
16. Regarding claim 63, Moody further discloses apparatus according to claim 33, wherein the hierarchy chart includes a tree, and wherein the processor is configured to: determine a location of the correspondent in the tree (Moody, [0063], fig 6c, the mail agent comprises a parser, a document generator, and a thread tree builder, determine the location in the tree); drive the display to display the tree (Moody, fig.8a); and drive the display to identify for the user the location of the correspondent in the tree (Moody, fig.8a).
17. Regarding claim 64, Moody further discloses apparatus according to claim 33, wherein the hierarchy includes a hierarchy of an organization (Moody, [0077], time line corresponding to organization), and wherein the processor is configured to: determine a location of the correspondent in the hierarchy of the organization (Moody, [0062]), drive the display to display the hierarchy chart of the organization (Moody, fig. 8a); and drive the display to identify for the user the location of the correspondent in the hierarchy chart of the organization (Moody,



fig. 8a) .

18. Regarding claim 65, Moody further discloses apparatus according to claim 35, wherein the hierarchical relationship includes an organizational hierarchical relationship among at least some of: the sender and the one or more recipient, and wherein the processor is configured to drive the display to display the propagation history superimposed as the pathway on the chart showing the organizational hierarchical relationship (Moody, [0077], fig. 8a, timeline with date/time corresponding to the history).
19. Regarding claim 66, Moody further discloses apparatus according to claim 35, wherein the processor is configured to drive the display to display the hierarchical relationship as a tree, and the propagation history superimposed as the pathway on the tree (Moody, fig. 7, the time line superimposes on the tree and adjusts the time period).
20. Regarding computer program product claims 67-70 have limitations corresponding to apparatus claims 63-66. Therefore, claims 67-70, are rejected for the same reasons set forth in the rejection of claim 63-66.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action, Accordingly, **THIS ACTION IS MADE FINAL**. See MEPE 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE MONTH shortened statutory period, then the shortened statutory period will expire on the date advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTH from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kelvin Lin whose telephone number is 571-272-3898. The examiner can normally be reached on Flexible 4/9/5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on 571-272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

6/23/06  
KYL

  
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ADVISORY PATENT EXAMINER